

In the Claims:

1. (Original) A method for managing network activation with a carrier and registration with a service provider, the method comprising:
 - determining a network activation status with the carrier;
 - if not activated, performing network activation procedures;
 - determining a registration status with the service provider;
 - if not registered, sending a request to a server of the service provider for a registration file configured to gather user registration information;
 - receiving the registration file from the server; and
 - executing the registration file.
2. (Original) The method of Claim 1, further comprising returning data gathered by the registration file to the server to complete registration.
3. (Original) The method of Claim 1, wherein the step of determining a network activation status comprises checking for network enablement of a mobile radio device.
4. (Original) The method of Claim 1, wherein the step of determining a registration status comprises receiving an address of the registration file from the plug-in device.
5. (Original) The method of Claim 4, wherein the address is a uniform resource locator (URL) and the request is a hypertext transfer protocol (HTTP) request.

6. (Original) The method of Claim 1, wherein the step of executing the registration file comprises at least one of:

- determining if an account with the service provider is to be setup;
- receiving the registration information from a user; and
- determining if registration is to be confirmed with the service provider.

7. (Original) The method of Claim 1, further comprising determining if the returned data is acceptable to the service provider.

8. (Original) The method of Claim 1, wherein the step of determining an activation status comprises:

- launching a driver device configured to manage network activation procedures; and

- launching a plug-in device tailored to a particular carrier.

9. (Original) The method of Claim 1, wherein the request to the server is a hypertext transfer protocol (HTTP) request including a uniform resource locator (URL), and wherein the registration file is located at the URL.

10. (Original) The method of Claim 1, wherein the step of executing the registration file comprises displaying dialog screens to query a user for registration information.

11. (Original) A generic framework for network activation and registration comprising:

- a generic driver device configured to manage network activation procedures and registration procedures; and

a plug-in device configured to initiate registration procedures based on commands received from the driver, wherein the plug-in device is tailored to a particular service provider.

12. (Original) The framework of Claim 11, wherein the generic driver device and the plug-in device are applications in a personal digital assistant.

13. (Original) The framework of Claim 11, wherein the generic driver device comprises a selection mechanism configured to launch the generic driver device upon selection by a user, and wherein the generic driver device is further configured to launch the plug-in device.

14. (Original) The framework of Claim 11, wherein the generic driver device is compatible with at least (1) a wireless network operating in a particular verbal language and (2) the plug-in device.

15. (Original) The framework of Claim 14, further comprising another plug-in device tailored to another service provider, wherein the generic driver device is further compatible with the other plug-in device.

16. (Original) The framework of Claim 11, wherein the plug-in device includes an address to a registration file configured to gather user registration information for the particular service provider.

17. (Original) The framework of Claim 16, wherein the generic driver device is further configured to send a request to a server of the particular

service provider upon receiving the address of the registration file from the plug-in device.

18. (Original) The framework of Claim 16, wherein the address of the registration file is a uniform resource locator (URL), and wherein communications between the generic driver device and the server are handled in a protocol that includes Hypertext Transfer Protocol (HTTP) over Transmission Control Protocol/Internet Protocol (TCP/IP).

19. (Original) The framework of Claim 11, wherein the generic driver device is further configured to receive a network registration file from the service provider and to launch the network registration file upon receiving the network registration file from the service provider.

20. (Original) A computer-readable medium carrying one or more sequences of one or more instructions for managing network activation with a carrier and registration with a service provider, the one or more sequences of one or more instructions including instructions which, when executed by one or more processors, cause the one or more processors to perform the steps of:

- determining a network activation status with the carrier;
- if not activated, performing network activation procedures;
- determining a registration status with the service provider;
- if not registered, sending a request to a server of the service provider for a registration file configured to gather user registration information;
- receiving the registration file from the server; and
- executing the registration file.

21. (Original) The computer-readable medium as recited in Claim 20, wherein the instructions further cause the processor to carry out the step of returning data gathered by the registration file to the server to complete network activation.

22. (Original) The computer-readable medium as recited in Claim 20, wherein the step of determining a network activation status further causes the processor to carry out the steps of checking for network enablement of a mobile radio device.

23. (Original) The computer-readable medium as recited in Claim 20, wherein the step of determining a registration status further comprises receiving an address of the registration file from the plug-in device.

24. (Original) The computer-readable medium as recited in Claim 23, wherein the address is a uniform resource locator (URL) and the request is a hypertext transfer protocol (HTTP) request.

25. (Original) The computer-readable medium as recited in Claim 20, wherein the step of executing the registration file further causes the processor to carry out the steps of:

- determining if an account with the service provider is to be setup;
- receiving the registration information from a user; and
- determining if registration is to be confirmed with the service provider.

26. (Original) The computer-readable medium as recited in Claim 20, wherein the instructions further cause the processor to carry out the step of determining if the returned data is acceptable to the service provider.

27. (Original) The computer-readable medium as recited in Claim 20, wherein the step of determining an activation status further causes the processor to carry out the steps of:

launching a driver device configured to manage network activation procedures; and

launching a plug-in device tailored to a particular service provider.

28. (Original) The computer-readable medium as recited in Claim 20, wherein the request to the server is a hypertext transfer protocol (HTTP) request including a uniform resource locator (URL), and wherein the registration file is located at the URL.

29. (Original) The computer-readable medium as recited in Claim 20, wherein the step of executing the registration file further causes the processor to carry out the step of displaying dialog screens to query a user for registration information.

30. (New) The method according to Claim 1, wherein the registration file is executed on a wireless device having a PDA form factor having PDA functionality built into an operating system of the wireless device.

31. (New) The method according to Claim 1, further comprising the steps of:

downloading the registration file from a service provider's web-clipping enabled server to a wireless device having a PDA form factor and comprising a display screen, a Graffiti™ style handwriting recognition area separate from the

display screen, and PDA functionality built into an operating system of the wireless device;

wherein the step of executing comprises executing the registration file on the wireless PDA device.

32. (New) The method according to Claim 31, wherein the method is embodied in a plug-in device installed on the wireless PDA device.

33. (New) The method according to Claim 32, wherein:

the plug-in device comprises a series of launch procedures for implementing the steps of the method and procedures for implementing the steps of the method and as directed by a generic activation and registration framework;

the plug-in device is tailored to a specific wireless carrier service provider combination.

34. (New) The method according to Claim 31, wherein the method is separately embodied in multiple plug-in devices, each installed in the wireless PDA device and each specifically tailored for a specific carrier and service provider combination.

35. (New) The method according to Claim 34, wherein the method embodied in each plug-in device further comprises steps to deactivate or de-register.

36. (New) The method according to Claim 35, wherein the multiple plug-in devices include plug-in devices for each of wireless packet data, cellular, PCS, and GSM networks.

37. (New) The method according to Claim 36, wherein each plug-in device includes a set of verbal user interfaces tailored to at least each of English, French, German, and Spanish.

38. (New) The method according to Claim 36, wherein:
the method is performed on the wireless PDA device; and

the method further comprises the step of launching a driver device from a Clipper™ type application in an operating system of the wireless PDA device when network activation has not yet been established for the wireless PDA device.

39. (New) The method according to Claim 38, wherein the device driver includes a set of launch codes that the device driver may include in a command sent to the plug-in device, the launch codes comprising:

PLUGIN_TYPE	Return a wireless network or service provider, or both to the caller—noting the type of plug-in
WN_RESET	Set any system features needed for network stack of device release
SP_RESET	Set any system features needed for service provider
CK_WN_ACTIVATE	Check system feature and memory values (when system features may not be correct) to determine (true or false) if the wireless network is active
WN_ACTIVATE	Configure a device so that it is able to effectively communicate on the network
WN_DEACTIVATE	Perform a wireless network deactivation
CK_SP_REGISTER	Check system features and database entries (when system features may not be correct) to determine (true or false) if the service provider

	has been registered with. If the service provider has not been successfully registered with, this call will return false, with an optional parameter of a URL. The URL can then be used by the driver to retrieve a registration file 208
SP_DEACTIVATE	Remove any system features, database entries, or flash values utilized by the service provider to denote successful registration
SP_COMPLETE	Perform any service-provider-centric flash/system feature/database entry activity that denotes the FINAL step of activation and registration
SP_FAIL	Perform any service-provider-specific cleanup activity that must be performed to return the state of the device to normal.

40. (New) The method according to Claim 39, further comprising the step of scanning each plug-in device to determine an appropriate plug-in for activating a users service provider in a wireless network.

41. (New) The method according to Claim 40, wherein the step of scanning comprises sending a CK_WN_ACTIVATE command to check wireless network activation in each plug-in device.

42. (New) The method according to Claim 41, further comprising the step of storing service provider registration information in an HTTP cookie jar on the wireless device.

43. (New) The method according to 38, wherein the wireless PDA device is a combination mobile phone and PDA device together having the PDA form factor.

44. (New) The method according to Claim 38, wherein the driver device establishes a first wireless connectivity by setting a configuration of the wireless device to obtain wireless connectivity.

45. (New) The method according to Claim 1, further comprising the step of displaying an already activated message if the network activation is for a Palm.Net™ network and the wireless device is already activated on the Palm.Net™ network.